

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Wednesday, March 24, 2010
From: Brian Kelly and Jeff Lippert, On-Scene Coordinators

Subject: Former McLouth Steel Gibraltar-Complex Site
15701 Vreeland Road, Gibraltar, MI
Latitude: 42.1120159
Longitude: -83.2105050

POLREP No.:	2	Site #:	B5QW
Reporting Period:		D.O. #:	0039
Start Date:	3/2/2010	Response Authority:	CERCLA
Mob Date:	3/2/2010	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	MIN000510362	Contract #	EP-S5-08-02
RCRIS ID #:			

Site Description

The DSC-Gibraltar Site is located in Gibraltar, Wayne County, Michigan; - 42 degrees°, 6 minutes", 300 seconds' latitude and 83°, 12", 0' longitude.

The Site is bound by West Jefferson Avenue to the east, Vreeland Road to the north, Canadian National North America rail line to the west, and Gibraltar Road to the south. The Frank and Poet Drain runs north to south through the Site, between Countywide Landfill Upper and Lower and DSC Landfill Areas 1A and 1B, and eventually runs into the Detroit River. The easternmost portion of the Site is approximately 3 tenths of a mile west of the Detroit River. The Humbug Marsh, part of the U.S. Fish and Wildlife's Detroit River International Wildlife Refuge, is directly across West Jefferson Avenue from the Site.

At the request of Michigan Department of Natural Resources and Environment (DNRE), U.S. EPA is installing an upper collection system at Countywide and constructing two treatment plants, one for DSC and one for Countywide, to handle leachate. Operation and Maintenance of the treatment system will be conducted by DNRE.

This leachate resulted from the percolation of precipitation and groundwater through steel waste and construction debris and contains high concentrations of phenolic compounds, metals, and high pH.

Current Activities

On March 4, U.S. EPA along with its consultant E2 meet with the City of Gibraltar, US FWS, Metro-Parks, and MDNRE on potential redevelopment of the DSC properties. While a final report will be

developed based on stakeholder comments, future redevelopment is clouded by potential tax foreclosure, liens, and Gibraltar Landholdings business plan.

During the weeks of March 8 and 15, U.S. EPA completed the collection line welds, received both sump vaults, installed the western vault, completed installation of 800 of 2000 ft of collection line, collected and shipped treatability samples, and disposed of 358,500 gallons of leachate.

Planned Removal Actions

- 1) complete collection trenches,
- 2) receive treatability results,
- 3) meet with DCR on property access,
- 4) finalize treatment system design,
- 5) install treatment system,
- 6) transition site to DNRE.

epaosc.org/Former_McLouth_Steel_Gibraltar-Complex